



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	6001	DISPATCH DATE:				31.03.2016
2.	RAILWAY	NER	Type:	GSLRD	Coach No.:	15704	
3.	Booked to		SSE/C&W/GKP				
4.	Tare Weight of Coach :		37.10 T				
5.	Carrying Capacity :	Seating:	20	Sleeping:	4	Luggage: 8T	
6.	Shell Details: (SG-90004 alt 'b')						
	6.1	Leading Dimensions;					
	i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)		
	ii)	Maximum length over Body			21337 ± 10		
	iii)	Maximum length over Buffer			22297 ± 15		
	iv)	Maximum width over Body			3245 ± 5		
	v)	Maximum width over Flasher light			3402 +0/-5		
	vi)	Minimum height above rail level to the lowest fitting			200 mm		
	vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1100/1100	1104/1104	
	viii)	Buffer/CBC (Make)			HEPL		
	ix)	Draw Gear (Make)			RK		
7.	Air Brake Testing:						
	Description			Specified			
	7.1	Emergency Application	Time for 0 to 3.6 Kg/cm ² of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
			Brake release time to reach .4 Kg/cm ²		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
	7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec		No brake application		
	7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² in 6 sec		Brakes "ON"		
	7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"			
	7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)			
8.	PAINTING DEATAILS:						
			TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE		
	8.1	PAINT	PU PAINT	GS	85/86		
	8.2	APPLICATION OF PCN-123		SATISFACTORY			
	8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT		ESCORTS			
	ii.	SEAT & BERTH		AMIR CHAND			
	iii.	WATER TANKS		RUBICONE, RAIL FAB			
	iv.	PVC		RESPONSIVE			
	v.	FLOOR BOARD		TAYAL			
	vi.	UIC VESTIBULE		NA			
	vii.	LAV. DOORS		DHINJAN, ANKUR, TWPL			
	viii.	LP SHEET		NK			
	ix)	BIO- TOILET		RAIL TECH			
10.	10.1	Modification/ Trial (if any):			NIL		
	10.2	Deviations (if any):			NIL		



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11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		6001	NER	GSLRD	15704	04-03-2016				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	160230				160227				
	ii. Frame No.	ASR-53				ASR-91				
	iii. Axle No.	A-5078		H-0048		J-3226		A-4783		
	iv. Wheel Diameter	916.50	916.00	916.00	916.00	916.50	916.00	916.00	916.00	
	v. Wheel Disc No.	52553/ 11098	53178/ 11227	53608/ 11308	53452/ 11276	47615/ 09658	49436/ 10315	49060/ 10177	49408/10 315	
	vi. R.B. Nos.	Q0791	Q0781	Q0642	Q0618	Q0870	Q0797	Q0785	Q0338	
	vii. R.B. Make	FAG		FAG		FAG		FAG		
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing								
11.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE			
	i.	BRAKE CYLINDER Make & NO.				PEW-2456,1400		PEW-1408,1394		
	ii.	SECONDARY Shock Absorber Make &NO.				GAB-5383,5340		GAB-5384,5172		
11.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	6002	DISPATCH DATE:				04.04.2016
2.	RAILWAY	NER	Type:	GSLRD	Coach No.:	15705	
3.	Booked to			SSE/C&W/GKP			
4.	Tare Weight of Coach :			37.10 T			
5.	Carrying Capacity :	Seating:	20	Sleeping:	4	Luggage: 8T	
6.	Shell Details: (SG-90004 alt 'b')						
	6.1	Leading Dimensions;					
	i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)		
	ii)	Maximum length over Body			21337 ± 10		
	iii)	Maximum length over Buffer			22297 ± 15		
	iv)	Maximum width over Body			3245 ± 5		
	v)	Maximum width over Flasher light			3402 +0/-5		
	vi)	Minimum height above rail level to the lowest fitting			200 mm		
	vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1104/1100	1104/1104	
	viii)	Buffer/CBC (Make)			HEPL		
	ix)	Draw Gear (Make)			RK		
7.	Air Brake Testing:						
	Description			Specified			
	7.1	Emergency Application	Time for 0 to 3.6 Kg/cm ² of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)		
			Brake release time to reach .4 Kg/cm ²		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)		
	7.2	Insensitivity	BP dipped @ 0.30 Kg/cm ² n 60 sec		No brake application		
	7.3	Sensitivity	BP dipped @ 0.60 Kg/cm ² in 6 sec		Brakes "ON"		
	7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"			
	7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)			
8.	PAINTING DEATAILS:						
			TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE		
	8.1	PAINT	PU PAINT	VIBGYOR	85/ 86		
	8.2	APPLICATION OF PCN-123		SATISFACTORY			
	8.3	INSUALTION		SATISFACTORY			
9.	Traceability of Furnishing Items:			Make			
	i.	BRAKE EQUIPMENT		ESCORTS			
	ii.	SEAT & BERTH		AMIR CHAND			
	iii.	WATER TANKS		RUBICONE, RAIL FAB			
	iv.	PVC		RESPONSIVE			
	v.	FLOOR BOARD		TAYAL			
	vi.	UIC VESTIBULE		NA			
	vii.	LAV. DOORS		GANDHI, DHINJAN & ANKUR			
	viii.	LP SHEET		NK			
	ix)	BIO- TOILET		RAIL TECH			
10.	10.1	Modification/ Trial (if any):			NIL		
	10.2	Deviations (if any):			NIL		



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11.	Bogie Details:	Shell No.	Railway		Type		Coach No.		Dispatch Date		
		6002	NE		GSLRD		15705		04-03-2016		
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'										
11.2	Wheel & Axle Details:		PP Side				NPP Side				
	i.	Bogie No.	160238				160244				
	ii.	Frame No.	ASR-97				ASR-89				
	iii.	Axle No.	8085		07840		8086		08161		
	iv.	Wheel Diameter	916.50	916.00	917.00	917.00	917.00	917.00	917.00	917.00	
	v.	Wheel Disc No.	16677/ 214	06914/ 230	16720/ 234	16445/ 240	14094/ 269	14177/ 250	16731/ 326	16381/25 3	
	vi.	R.B. Nos.	S1426	S1420	S1430	S1421	S1434	S1445	S1442	S1448	
	vii.	R.B. Make	FAG		FAG		FAG		FAG		
	viii.	R.B. Type	Direct Mounted Spherical Roller Bearing								
11.3	<u>Items Traceability:</u>				PP SIDE			NPP SIDE			
	i.	BRAKE CYLINDER Make & NO.				PEW-E2548,E1495			PEW-E2692,E2646		
	ii.	SECONDARY Shock Absorber Make &NO.				GAB-5205,5177			GAB-5175,5159		
11.4	i.	Modification/ Trail (if any):				NIL					
	ii.	Deviations (if any):				NIL					

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Form No. : QMF4254; Version: 05

1.	SHELL No:	6003	DISPATCH DATE:				04 .04.2016
2.	RAILWAY	NER	Type:	GSLRD	Coach No.:	15706	
3.	Booked to			SSE/C&W/GKP			
4.	Tare Weight of Coach :			37.10 T			
5.	Carrying Capacity :	Seating:	20	Sleeping:	4	Luggage: 8T	
6.	Shell Details: (SG-90004 alt 'b')						
6.1	Leading Dimensions;						
i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)			
ii)	Maximum length over Body			21337 ± 10			
iii)	Maximum length over Buffer			22297 ± 15			
iv)	Maximum width over Body			3245 ± 5			
v)	Maximum width over Flasher light			3402 +0/-5			
vi)	Minimum height above rail level to the lowest fitting						
vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1104/1104	1100/1100		
viii)	Buffer/CBC (Make)			HEPL			
ix)	Draw Gear (Make)			RK,			
7.	Air Brake Testing:						
	Description			Specified			
7.1	Emergency Application	Time for 0 to 3.6 Kg/cm2 of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)			
		Brake release time to reach .4 Kg/cm2		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)			
7.2	Insensitivity	BP dipped @ 0.30 Kg/cm2 n 60 sec		No brake application			
7.3	Sensitivity	BP dipped @ 0.60 Kg/cm2 in 6 sec		Brakes "ON"			
7.4	Passenger alarm by pulling chain		BP Blasts out, Brakes "ON"				
7.5	Piston stroke for BMBC type coach only		19 +10/-0 mm (NAC)				
8.	PAINTING DEATAILS:						
			TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE		
8.1	PAINT		PU PAINT	VIBGYOR	85/ 86		
8.2	APPLICATION OF PCN-123			SATISFACTORY			
8.3	INSUALTION			SATISFACTORY			
9.	Traceability of Furnishing Items:			Make			
i.	BRAKE EQUIPMENT			ESCORTS			
ii.	SEAT & BERTH			AMIR CHAND			
iii.	WATER TANKS			RAIL FAB			
iv.	PVC			RESPONSIVE			
v.	FLOOR BOARD			TAYAL			
vi.	UIC VESTIBULE			NA			
vii.	LAV. DOORS			TWPL, DHINJAN & ANKUR			
viii.	LP SHEET			PL			
ix)	BIO- TOILET			RAIL TECH			
10.	10.1	Modification/ Trial (if any):			NIL		
	10.2	Deviations (if any):			NIL		



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11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		6003	NE	GSLRD	15706	03-03-2016				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	160222				160231				
	ii. Frame No.	UBLS-1873				ASR-87				
	iii. Axle No.	J-8703		Y-7900		K-5710		H-9017		
	iv. Wheel Diameter	916.00	916.00	916.00	916.00	915.00	915.00	915.00	915.00	
	v. Wheel Disc No.	48936/10168	49410/10315	49407/10315	53142/11227	49363/10278	53169/11227	52389/11085	53632/11308	
	vi. R.B. Nos.	Q0480	R3078	Q0340	Q0794	Q0347	Q0326	Q0324	Q0278	
	vii. R.B. Make	FAG		FAG		FAG		FAG		
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing								
11.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE			
	i.	BRAKE CYLINDER Make & NO.				PEW-E2590,E2598		PEW-E1409,E1401		
	ii.	SECONDARY Shock Absorber Make &NO.				GAB-5347,5378		GAB-5194,5403		
11.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

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ROLLING STOCK CERTIFICATE

Form No. : QMF4254; Version: 05

1.	SHELL No:	6004	DISPATCH DATE:			06.04.2016
2.	RAILWAY	NER	Type:	GSLRD	Coach No.:	15707
3.	Booked to		SSE/C&W/GKP			
4.	Tare Weight of Coach :		37.10 T			
5.	Carrying Capacity :	Seating:	20	Sleeping:	4	Luggage: 8T
6.	Shell Details: (SG-90004 alt 'b')					
	6.1	Leading Dimensions;				
	i)	Maximum height above rail to top of Roof ventilator			4100 ± 5 (for NAC) 4250 +0/-5 (for WGACCN only)	
	ii)	Maximum length over Body			21337 ± 10	
	iii)	Maximum length over Buffer			22297 ± 15	
	iv)	Maximum width over Body			3245 ± 5	
	v)	Maximum width over Flasher light			3402 +0/-5	
	vi)	Minimum height above rail level to the lowest fitting			181.5 mm 9AE63143)	
	vii)	Buffer/CBC Height	Specified : 1104 +0 /-10 mm		1104/1104	1104/1104
	viii)	Buffer/CBC (Make)			HEPL	
	ix)	Draw Gear (Make)			RK,EMSON	
7.	Air Brake Testing:					
	Description			Specified		
	7.1	Emergency Application	Time for 0 to 3.6 Kg/cm2 of BC		Less than 05 Sec (for BMBC type) 3 to 5 Sec (for Non BMBC type)	
			Brake release time to reach .4 Kg/cm2		Less than 20 Sec (for BMBC type) 15 to 20 Sec (for Non BMBC type)	
	7.2	Insensitivity	BP dipped @ 0.30 Kg/cm2 n 60 sec		No brake application	
	7.3	Sensitivity	BP dipped @ 0.60 Kg/cm2 in 6 sec		Brakes "ON"	
	7.4	Passenger alarm by pulling chain			BP Blasts out, Brakes "ON"	
	7.5	Piston stroke for BMBC type coach only			19 +10/-0 mm (NAC)	
8.	PAINTING DEATAILS:					
			TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE	
	8.1	PAINT	PU PAINT	VIBGYOR	86/85	
	8.2	APPLICATION OF PCN-123			SATISFACTORY	
	8.3	INSUALTION			SATISFACTORY	
9.	Traceability of Furnishing Items:				Make	
	i.	BRAKE EQUIPMENT			ESCORTS	
	ii.	SEAT & BERTH			AMIR CHAND	
	iii.	WATER TANKS			RAIL FAB	
	iv.	PVC			RESPONSIVE	
	v.	FLOOR BOARD			TAYAL	
	vi.	UIC VESTIBULE			NA	
	vii.	LAV. DOORS			TWPL, DHINJAN & ANKUR	
	viii.	LP SHEET			PL	
	ix)	BIO- TOILET			RAIL TECH	
10.	10.1	Modification/ Trial (if any):			NIL	
	10.2	Deviations (if any):			NIL	



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11.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		6004	NER	GSLRD	15707	16-03-2016				
11.1	BOGIE GENERAL ARRANGEMENT DRAWING NO.: CC00002 Alt 'a'									
11.2	Wheel & Axle Details:	PP Side				NPP Side				
	i. Bogie No.	160157				160159				
	ii. Frame No.	ASR-005				ASR-55				
	iii. Axle No.	J-3192		A-5176		A-4338		F-5749		
	iv. Wheel Diameter	915.50	915.50	916.00	916.00	916.00	916.00	916.00	916.00	
	v. Wheel Disc No.	49542/10345	50079/10518	49062/10177	52420/11085	53216/11227	53052/11194	53325/11249	49425/10315	
	vi. R.B. Nos.	Q0522	Q0528	Q0774	Q0358	Q0393	Q0337	Q0827	Q0776	
	vii. R.B. Make	FAG		FAG		FAG		FAG		
	viii. R.B. Type	Direct Mounted Spherical Roller Bearing								
11.3	<u>Items Traceability:</u>				PP SIDE		NPP SIDE			
	i.	BRAKE CYLINDER Make & NO.				AJT		AJT		
	ii.	SECONDARY Shock Absorber Make &NO.				K/B-2982,3102		K/B-3035,2849		
11.4	i.	Modification/ Trail (if any):				NIL				
	ii.	Deviations (if any):				NIL				

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